

12/19/01
1054 U.S. PTO

12-28-01

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Please type a plus sign (+) inside this box [+]

PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 42390.P12041

(maximum 12 characters)

First Named Inventor Paul B. Koeneman et al

Title: METHOD AND APPARATUS FOR COOLING AN INTEGRATED CIRCUIT PACKAGE USING A COOLING FLUID

Express Mail Label No. EL431882638US

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, D. C. 20231

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
2. Applicant Claims Small Entity Status. (37 CFR 1.27)
3. Specification (Total Pages 17)
(preferred arrangement set forth below)
 - Descriptive Title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawings(s) (35 USC 113) (Total Sheets 4)
5. Oath or Declaration (Total Pages 5)
 - a. Newly Executed (Original or Copy)
 - b. Copy from a Prior Application (37 CFR 1.63(d))
(for Continuation/Divisional with Box 18 completed)
 - i. DELETIONS OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
 - c. Unsigned.
6. Application Data Sheet. (37 CFR 1.76)
7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statement verifying identity of above copies

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ACCOMPANYING APPLICATION PARTS

9. **Assignment Papers (cover sheet & documents(s))**

10. a. Separate 37 CFR 3.73(b) Statement (where there is an assignee)

b. Power of Attorney

11. English Translation Document (if applicable)

12. a. Information Disclosure Statement (IDS)/PTO-1449

b. Copies of IDS Citations

13. **Preliminary Amendment**

14. **Return Receipt Postcard (MPEP 503) (Should be specifically itemized)**

15. Certified Copy of Priority Document(s) (if foreign priority is claimed)

16. **Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.**

17. Other: Check in the amount of \$1,070.00

18A. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

Continuation Divisional Continuation-in-part (CIP)
Of Prior Application No.: _____ Examiner _____ Group Art Unit _____
(which is a continuation/ divisional/ CIP of prior application no. _____,
which is a continuation/ divisional/ CIP of prior application no. _____) (List entire chain of priority)

Applicant(s): Also include a Preliminary Amendment to amend the specification to claim priority.

For CONTINUATION AND DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18B. Statement under 37 CFR 3.73(b) for continuing application:

The undersigned states that _____ (name of assignee) is
the assignee of the entire right, title, and interest in the accompanying patent application by virtue of an
assignment recorded in the Patent and Trademark Office at Reel No. _____ Frame No. _____
(or a copy of which is attached).

19. Correspondence Address

Customer Number or Bar Code Label _____
or _____ (Insert Customer No. or Attach Bar Code Label here)
 Correspondence Address Below

NAME Charles K. Young

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

ADDRESS 12400 Wilshire Boulevard

Seventh Floor

CITY Los Angeles STATE California ZIP CODE 90025-1026

Country U.S.A. TELEPHONE (408) 720-8300 FAX (408) 720-9397

Name (PRINT/TYPE): Charles K. Young

Registration No.: 39,435

Signature: Charles K. Young

Date: December 19, 2001

FEE TRANSMITTAL FOR FY 2002

TOTAL AMOUNT OF PAYMENT (\$) \$ 1,070.00

Complete if Known:

Application No. Unassigned
 Filing Date Unassigned
 First Named Inventor Paul B Koeneman et al.
 Group Art Unit Unassigned
 Examiner Name Unassigned
 Attorney Docket No. 042390.P12041

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 02-2666
 Deposit Account Name

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

Applicant claims small entity status. See 37 CFR 1.27

2. Payment Enclosed: Check
 Money Order
 Other

FEE CALCULATION

1. BASIC FILING FEE

<u>Large Entity</u>	<u>Small Entity</u>	<u>Fee Description</u>	<u>Fee Paid</u>
Fee Code 101	Fee Code 201	Utility application filing fee	<u>740.00</u>
330	370	Design application filing fee	<u></u>
510	207	Plant filing fee	<u></u>
740	208	Reissue filing fee	<u></u>
160	214	Provisional application filing fee	<u></u>

SUBTOTAL (1) \$ 740.002. EXTRA CLAIM FEES

<u>Extra Claims</u>	<u>Fee from below</u>	<u>Fee Paid</u>
Total Claims <u>29</u> - 20** = <u>9</u>	X <u>18.00</u>	= <u>162.00</u>
Independent Claims <u>5</u> - 3** = <u>2</u>	X <u>84.00</u>	= <u>168.00</u>
Multiple Dependent		= <u></u>

**Or number previously paid, if greater; For Reissues, see below.

<u>Large Entity</u>	<u>Small Entity</u>	<u>Fee Description</u>
Fee Code 103	Fee Code 203	Claims in excess of 20
84	42	Independent claims in excess of 3
280	140	Multiple dependent claim, if not paid
84	42	**Reissue independent claims over original patent
18	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$ 330.00

FEE CALCULATION (continued)

3. ADDITIONAL FEES

<u>Large Entity</u>	<u>Small Entity</u>	<u>Fee Description</u>	<u>Fee Paid</u>
Fee	Fee	Fee	
Code	(\$)	Code	(\$)
105	130	205	65
127	50	227	25
139	130	139	130
147	2,520	147	2,520
099	8,800	099	8,800
112	920*	112	920*
113	1,840*	113	1,840*
115	110	215	55
116	400	216	200
117	920	217	460
118	1,440	218	720
128	1,960	228	980
119	320	219	160
120	320	220	160
121	280	221	140
138	1,510	138	1,510
140	110	240	55
141	1,280	241	640
142	1,280	242	640
143	460	243	230
144	620	244	310
122	130	122	130
123	50	123	50
126	180	126	180
581	40	581	40
146	740	246	370
			(see 37 CFR 1.129(a))
148	110	248	55
149	740	249	370
			(see 37 CFR 1.129(b))
179	740	279	370
169	900	169	900
			Request for expedited examination of a design application
195	300	195	300
196	300	196	300
194	130	194	130
098	130	098	130
091	1,280	091	1,280
			Acceptance of unintentionally delayed claim for priority

Other fee (specify) _____

Other fee (specify) _____

SUBTOTAL (3) \$0

*Reduced by Basic Filing Fee Paid

SUBMITTED BY:

Typed or Printed Name: Charles K. Young

Signature: Charles K. Young Date: 12/19/01

Reg. Number: 39,435 Telephone Number: 408-720-8300